

Supplemental Material to:

St-Pierre J, Hivert M, Perron P, Poirier P, Guay S, Brisson D, et al. IGF2 DNA methylation is a modulator of newborn's fetal growth and development. *Epigenetics* 2012; 7(10); <http://dx.doi.org/10.4161/epi.21855>

<http://www.landesbioscience.com/journals/epigenetics/article/21855/>

Supplementary Table 1 – PCR and pyrosequencing primers for *IGF2/H19* CpG island loci amplification and analysis.

Amplified region	PCR and pyrosequencing primers	Length (bp)	T^ohyb
<i>IGF2</i> -DMR0-A2 (2 CpGs)	F: 5'bio-ATGAATGAGTATTTTTAGGGAAATTGTT-3' R: 5'-TCCATATCCCCCTAAATTTAACTTCT-3' Seq: 5'-AGGGAAATTGTTTTGG-3'	166 bp	62.6°C
<i>IGF2</i> -DMR0-A1 (3 CpGs)	F: 5'-GGGGGTTTTAGTAAAAGTTATTGG-3' R : 5'bio-ACTCCTCCATCCACCCAAAATAATATCTA-3' Seq: 5'-AGTAAAAGTTATTGGATATATAGT-3'	198 bp	60.2°C
<i>IGF2</i> -DMR2 (8 CpGs)	F: 5'bio-GGGTTTTGGGTGGGTAGAGT-3' R: 5'-CCAAAACAACCTCCCCAAAT-3'; Seq: 5'-GTTTGGTTTTTTTTGAA-3'	230 bp	60.2°C
<i>H19</i> -DMR S1 (6 CpGs)	F: 5'-bio-TGGGTATTTTTGGAGGTTTTTTT-3' R: 5'-ATAAATATCCTATCCCAAATAA-3' Seq: 5'-TTTATYGTTTGGATGG-3'	239 bp	55.4°C

F; Forward. R; Reverse.